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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

12/20/01



jc812 U.S. PTO

**NEW UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(only for new nonprovisional applications under

37 CFR 1.53(b))

Attorney Docket Number	21216-05666
First Named Inventor	Kenneth M. Maxham
Title	SYSTEM AND METHOD FOR SELECTING THE PLACEMENT OF OPTICAL AMPLIFIERS IN AN OPTICAL NETWORK
Express Mail Label No.	EL566299575US

**APPLICATION ELEMENTS**

1. ☒ Fee Transmittal Form (in duplicate)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification Total Pages **36**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference(s) to Related Case(s)
  - Statement Regarding Fed sponsored R & D
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawing(s)
  - Detailed Description
  - Claim or Claims
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. Total Sheets **18**  
113)
5. Oath or Declaration
  - a. ☒ New Declaration Total Pages **1**  
☒ Executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority  
is claimed)
9. ☒ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449  
☐ Copies of IDS Citation(s)
13. ☒ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐
16. ☐
17. ☐

**ADDRESS TO:**

**Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231**

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**Customer Number and Bar Code  
Label

00758

Name (Print/Type)	Edward A. Van Gieson	Registration No. (Attorney/Agent)	44,386
Signature	<i>Edward Van Gieson</i>	Date	December 20, 2001

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified) Rev. 10/2001	U.S. Department of Commerce Patent and Trademark Office	<b>Complete if Known</b>
<b>FEE TRANSMITTAL</b>		Application Number
<b>TOTAL AMOUNT OF PAYMENT</b>		Filing Date
Subtotal (1) + Subtotal (2) + Subtotal (3) = <b>(\$ 1,262.00)</b>		First Named Inventor <b>Kenneth M. Maxham</b>
		Group Art Unit
		Examiner Name
		Attorney Docket Number <b>21216-05666</b>

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																								
<b>1. The Commissioner is hereby authorized to:</b>  <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.  <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. †  <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27  Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP  A Duplicate Copy of this authorization is attached  <b>2. <input checked="" type="checkbox"/> Payment Enclosed:</b> <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other	<b>3. ADDITIONAL FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month†</td><td><input type="text"/></td></tr> <tr><td>116/\$400</td><td>216/\$200</td><td>Extension for response within second month†</td><td><input type="text"/></td></tr> <tr><td>117/\$920</td><td>217/\$460</td><td>Extension for response within third month†</td><td><input type="text"/></td></tr> <tr><td>118/\$1,440</td><td>218/\$720</td><td>Extension for response within fourth month†</td><td><input type="text"/></td></tr> <tr><td>128/\$1,960</td><td>228/\$980</td><td>Extension for response within fifth month†</td><td><input type="text"/></td></tr> <tr><td>119/\$320</td><td>219/\$160</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,280</td><td>241/\$640</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,280</td><td>242/\$640</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$460</td><td>243/\$230</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>126/\$180</td><td>126/\$180</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>179/\$740</td><td>279/\$370</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146/\$740</td><td>246/\$370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$740</td><td>249/\$370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$)</b></td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>	115/\$110	215/\$55	Extension for response within first month†	<input type="text"/>	116/\$400	216/\$200	Extension for response within second month†	<input type="text"/>	117/\$920	217/\$460	Extension for response within third month†	<input type="text"/>	118/\$1,440	218/\$720	Extension for response within fourth month†	<input type="text"/>	128/\$1,960	228/\$980	Extension for response within fifth month†	<input type="text"/>	119/\$320	219/\$160	Notice of Appeal	<input type="text"/>	141/\$1,280	241/\$640	Petition to revive unintentionally abandoned application	<input type="text"/>	142/\$1,280	242/\$640	Utility Issue Fee (Or Reissue)	<input type="text"/>	143/\$460	243/\$230	Design Issue Fee	<input type="text"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>	126/\$180	126/\$180	Submission of Information Disclosure Statement	<input type="text"/>	179/\$740	279/\$370	Request for Continued Examination (RCE)	<input type="text"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146/\$740	246/\$370	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149/\$740	249/\$370	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	Other fee (specify):			<input type="text"/>	Other fee (specify):			<input type="text"/>	<b>SUBTOTAL (3)</b>			<b>(\$)</b>
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* Subtract the greater number of Col. 2 ** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3		<b>SUBTOTAL (2)</b> <b>(\$ 522)</b>																																																																																							

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	<b>Edward A. Van Gieson</b>	Reg. Number	<b>44,386</b>
Signature		Date	<b>December 20, 2001</b>

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby